



Asus Eee PC 1005HA Fan Replacement

This guide will show you step by step directions on how to repair a damaged Asus Eee PC 1005HA fan good luck.

Written By: Maged Hanna





TOOLS:

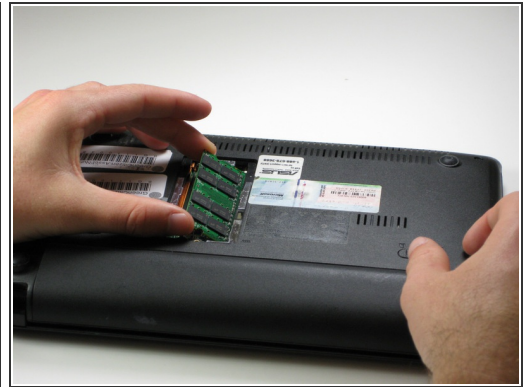
- [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [2.5 mm Flathead Screwdriver](#) (1)
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Step 1 — Wifi Antenna



- Remove screw (6.65 mm) next to RAM

Step 2



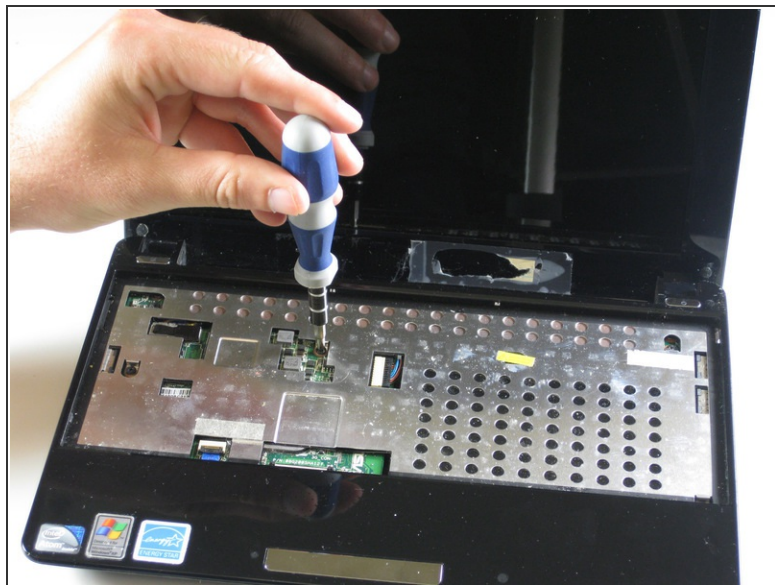
- Flip back over, open
- Remove 6 screws (5.5 mm) on inside covering.
- Disconnect the touch pad ribbon cable, visible through a window at the bottom edge of the metal part of the top casing (approx 1/4 from the left edge; in these photos the connector shows blue) - see step 6 for details

Step 3



- Remove screw (6.65 mm) next to RAM


Step 4



- Flip back over, open.
- Remove 6 screws (5.5 mm) on inside covering.
- Disconnect the touch pad ribbon cable, visible through a window at the bottom edge of the metal part of the top casing (approx 1/4 from the left edge; in these photos the connector shows blue) - see step 6 for details.

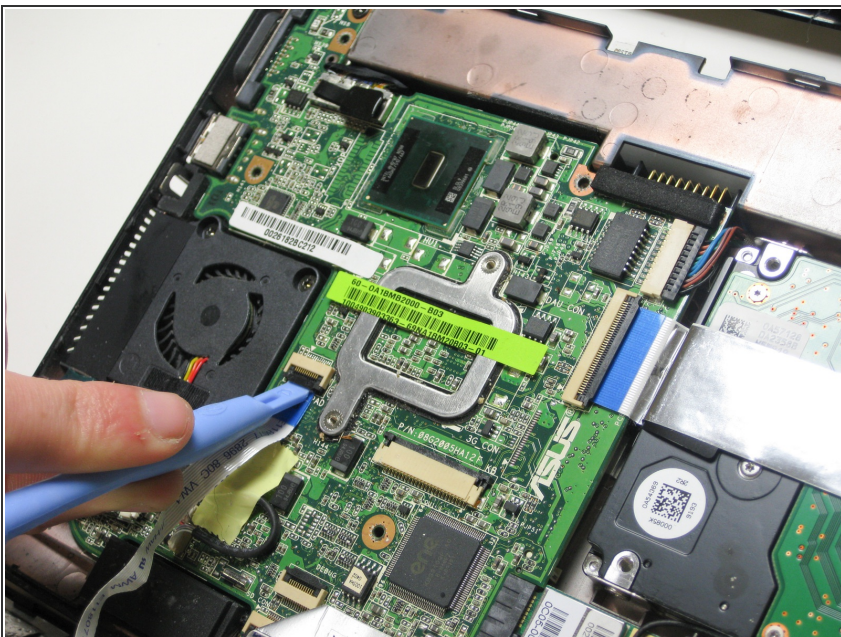
Step 5



 Detach plastic clips (5). You need to run a plastic opening tool along the underside of the top half and you will hear the 'clicks' of the clips coming undone. Note: top plastic is fragile. Also Note: There are two miniature LEDs "exposed" in the top edge of the bottom casing, at bottom right. Be very careful not to damage these with your tool

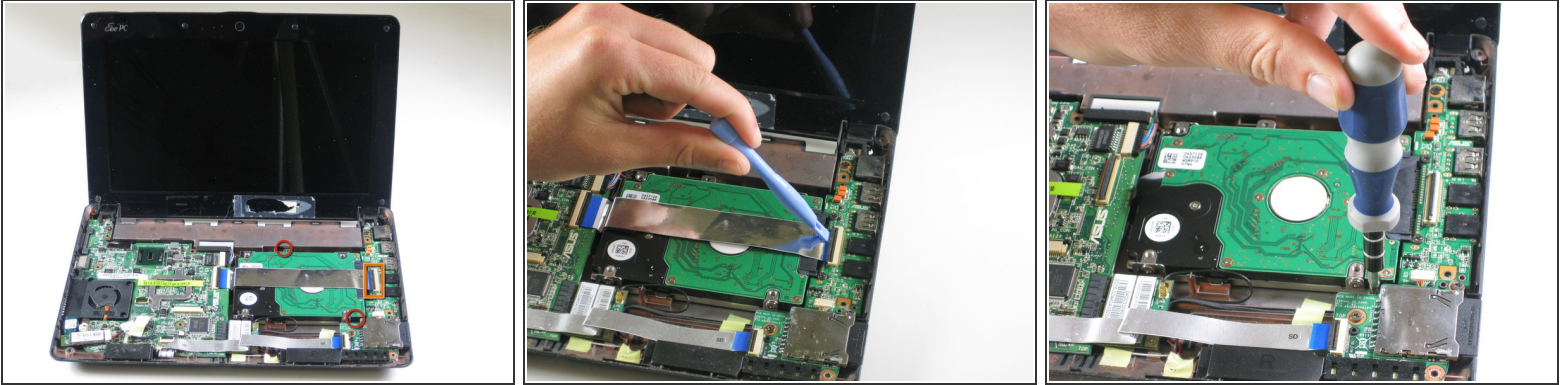
- Remove plastic covering

Step 6



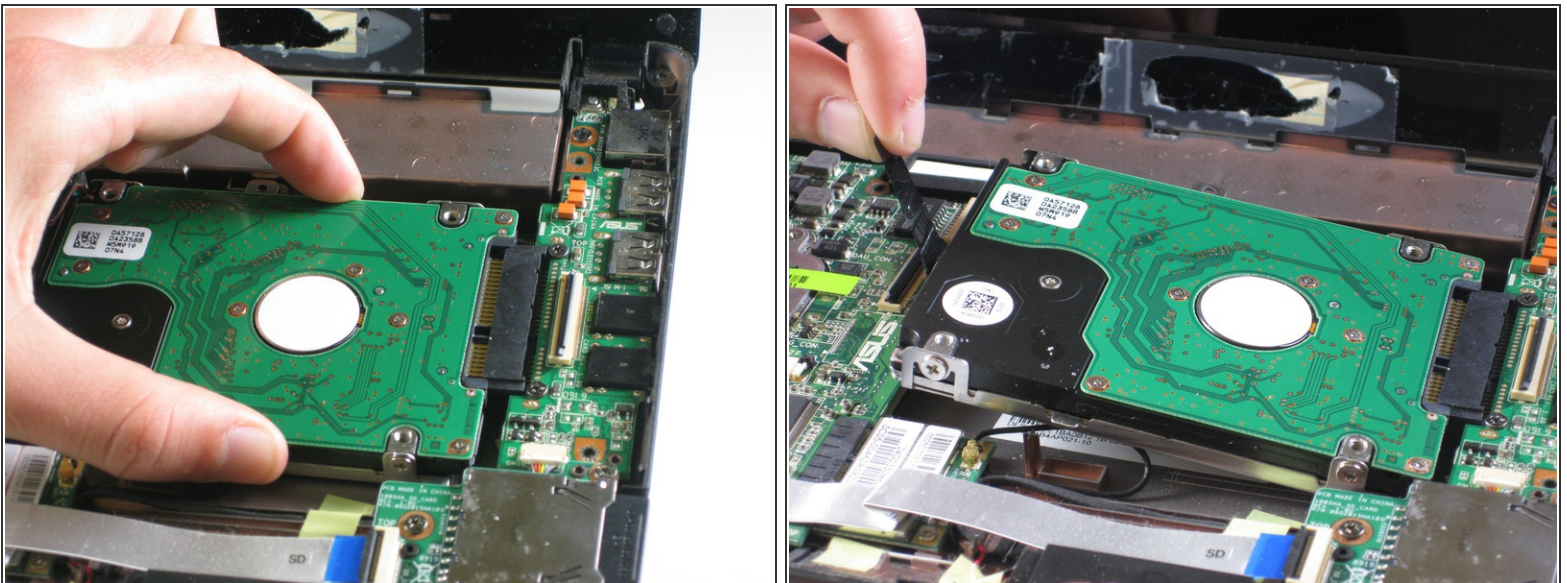
- Detach trackpad ribbon by raising up black pad
- (This can also be done during step 4, through a window in the metal chassis; in this way you lessen the chance of damage to the trackpad ribbon cable)

Step 7



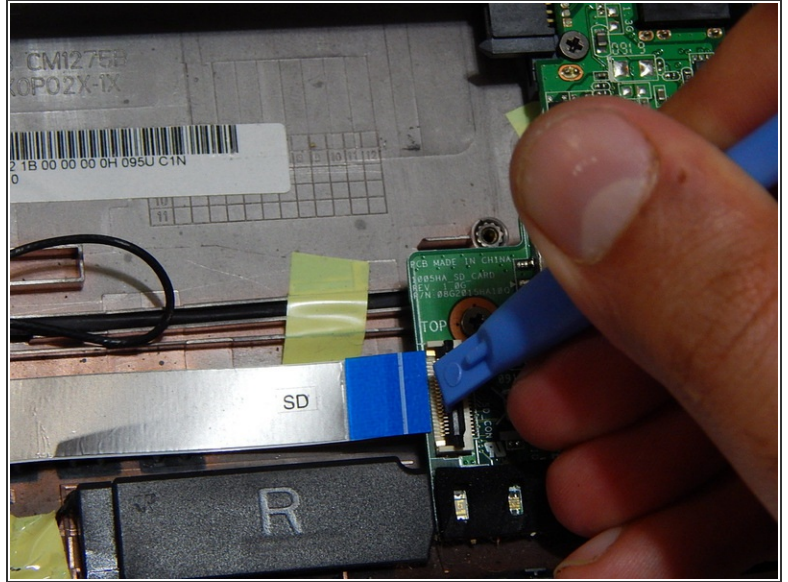
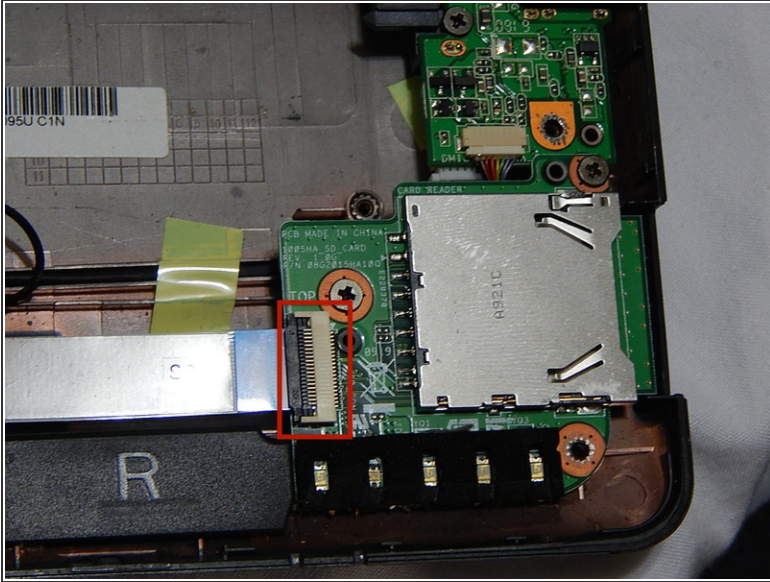
- Undo hard drive ribbon by lifting black clips upward.
- Undo screws (4.6 mm) holding hard drive in place
- There may be only one screw of these screws, the one at bottom right. The upper position screw may already have been removed (The 4th red circle from the left in step 4)

Step 8



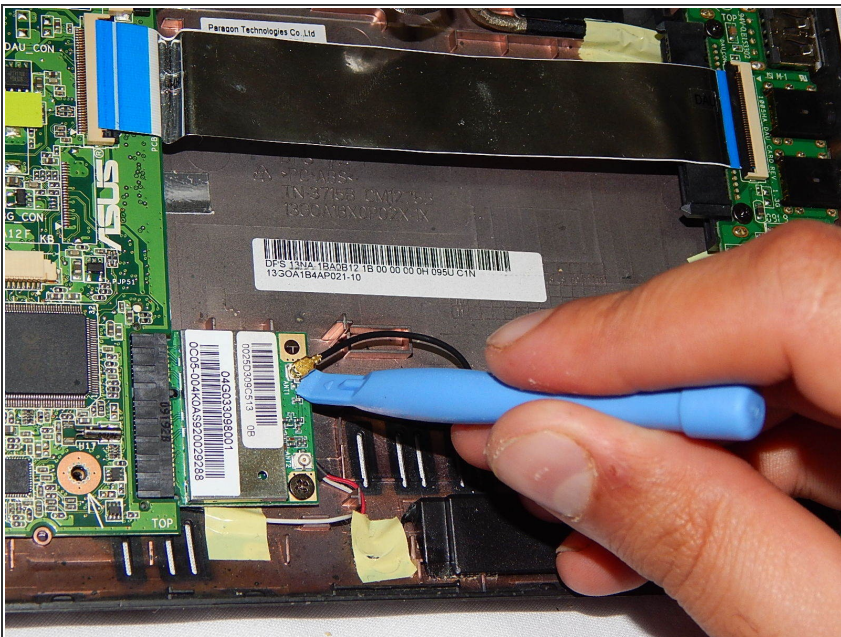
- Remove hard drive by carefully pulling to the left by the black plastic ribbon attached to the drive encasing, then ease up on the left and out.
- Be careful when re-inserting that the WiFi antenna cable (visible as a black loop below the disk in the 2nd photo) is not trapped under the leg of the drive encasing.

Step 9



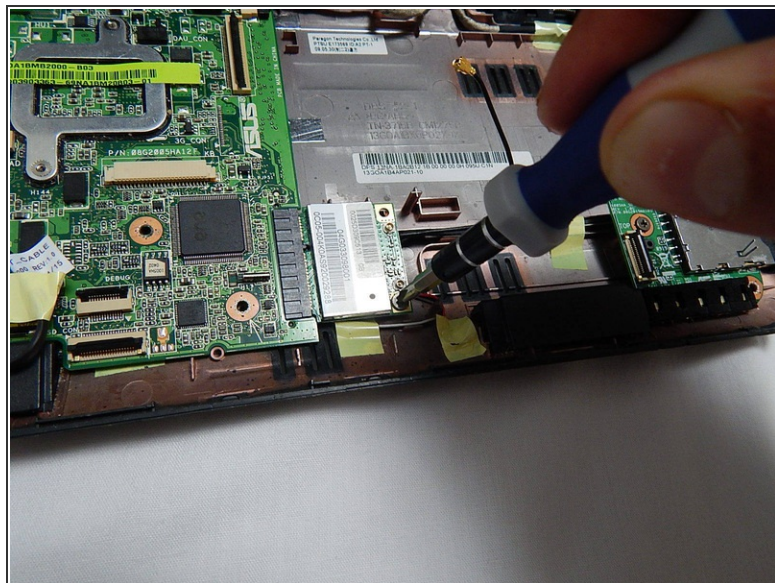
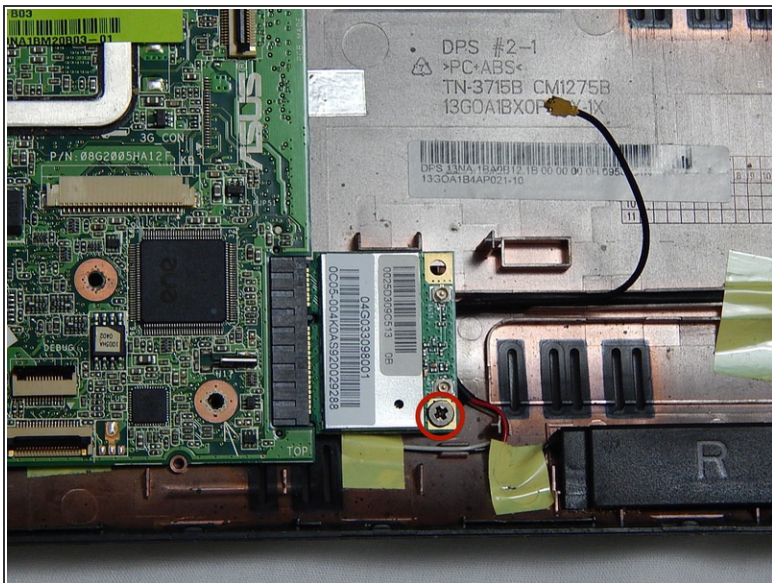
- Detach the ribbon that connects the SD card module and the motherboard by lifting the black clips using the plastic opening tool.

Step 10



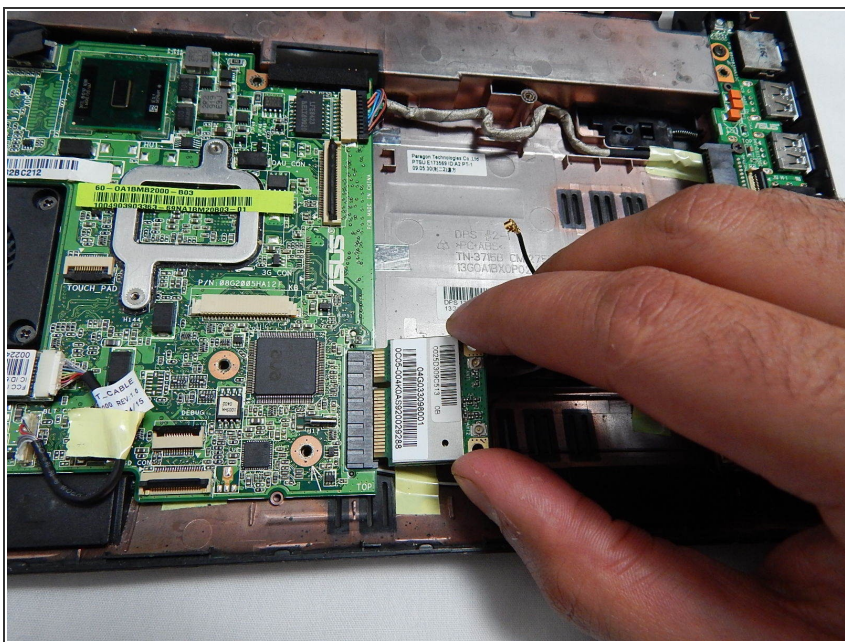
- Remove the wifi antenna connection again, using the plastic opening tool.

Step 11



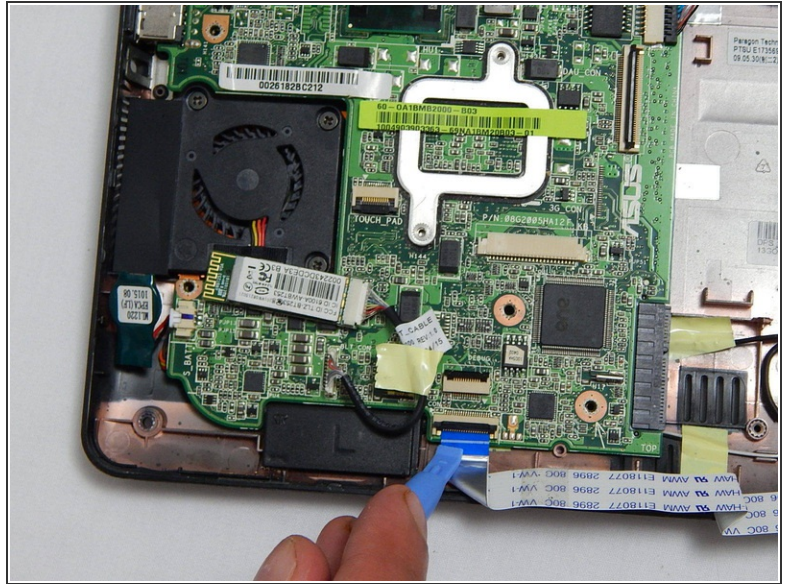
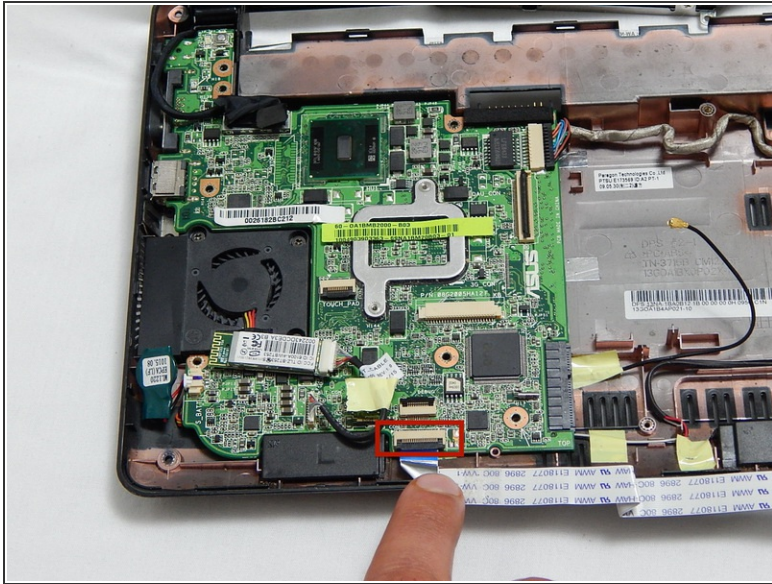
- Undo the screw holding the wifi component in place using the Phillips head screwdriver.

Step 12



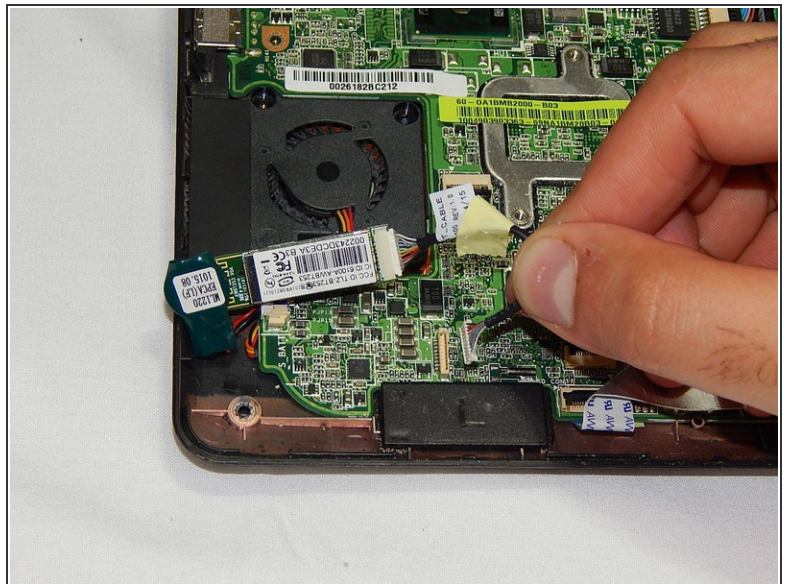
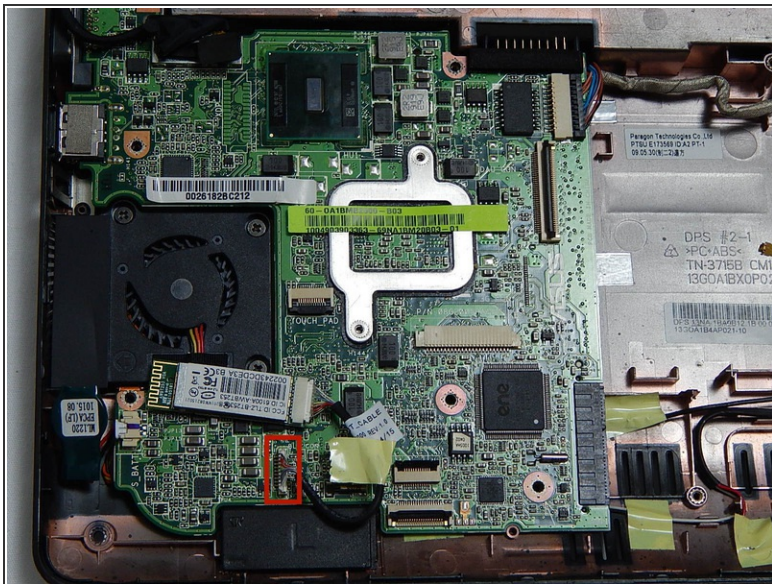
- ⚠ Remove Wi-Fi antenna by carefully pulling the Wi-Fi component to the right, and then slightly upward and finally out.

Step 13 — Fan



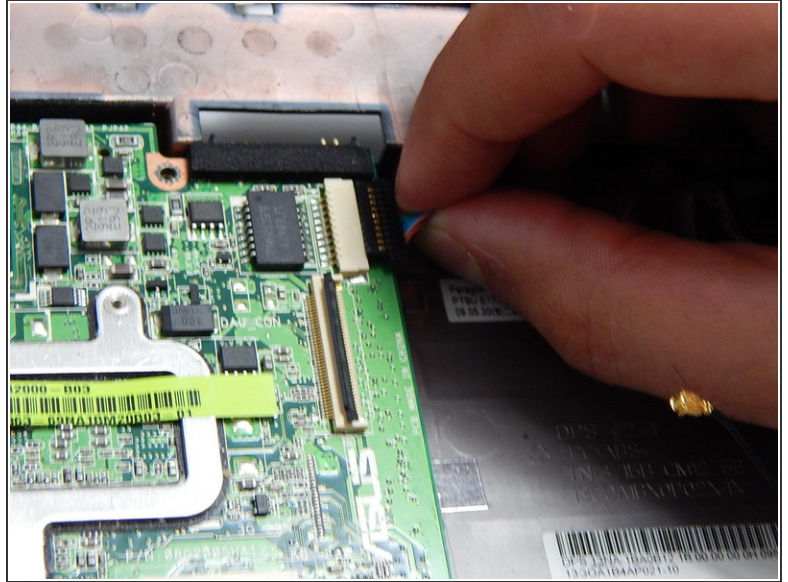
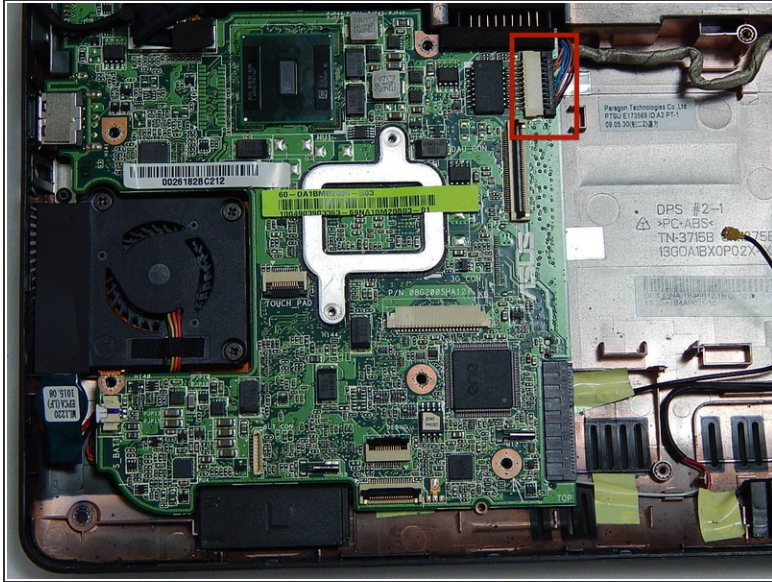
- Detach the ribbon cable that connects the SD card module and the motherboard by lifting the black clips using the plastic opening tool

Step 14



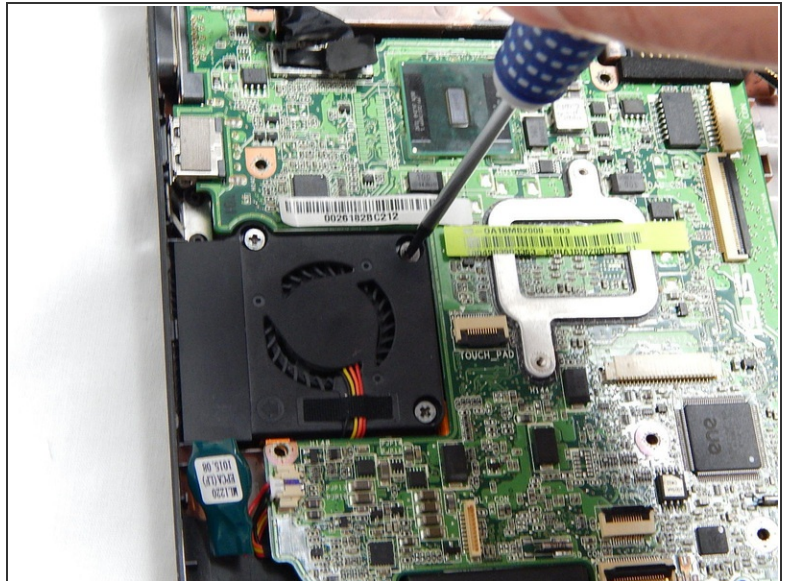
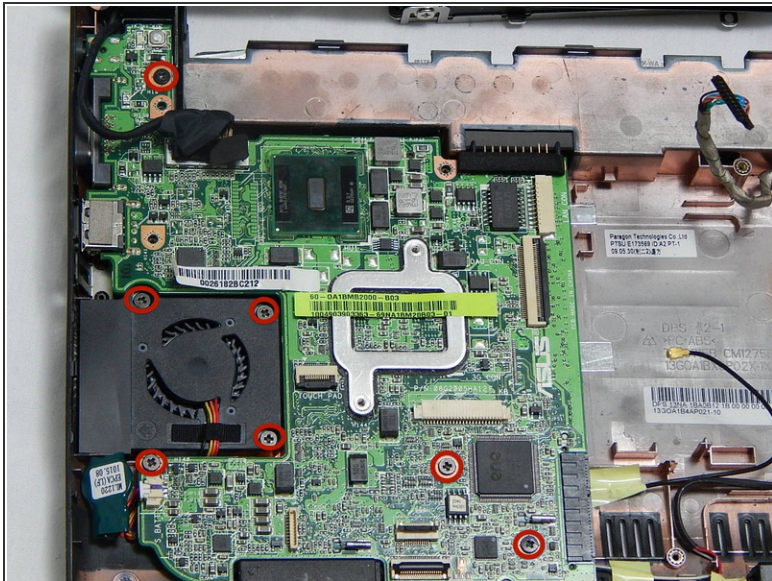
- Detach the Bluetooth wire located below the fan by gently pulling it upward.

Step 15



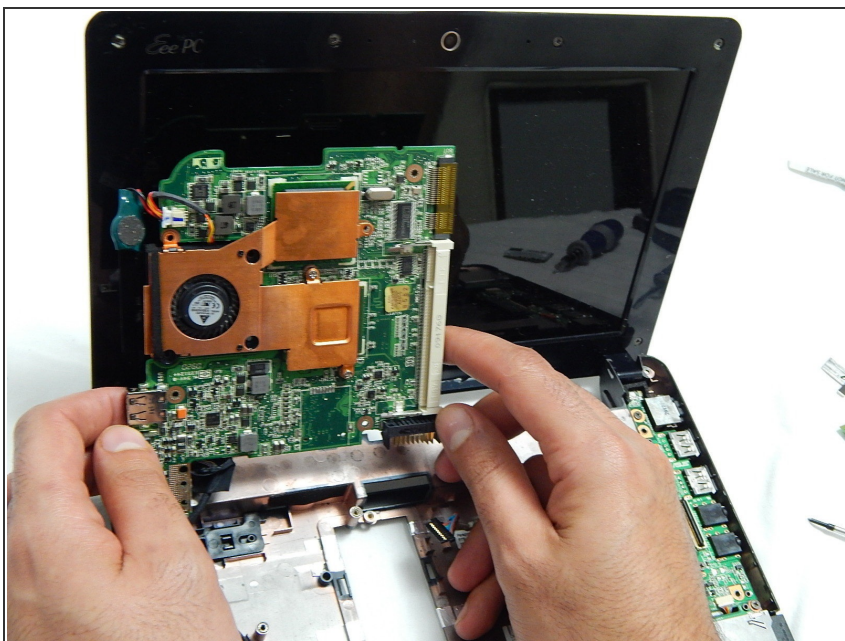
- Detach the black structure connected to the input cables in the top right center of the motherboard.

Step 16



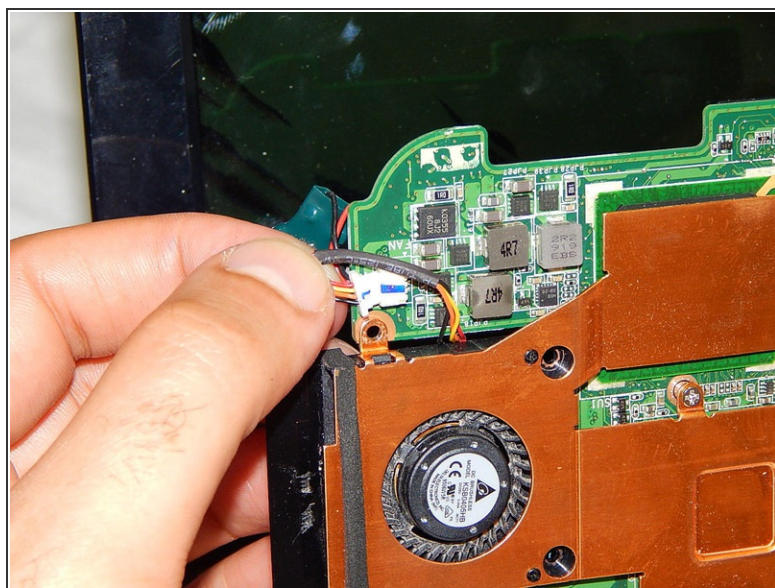
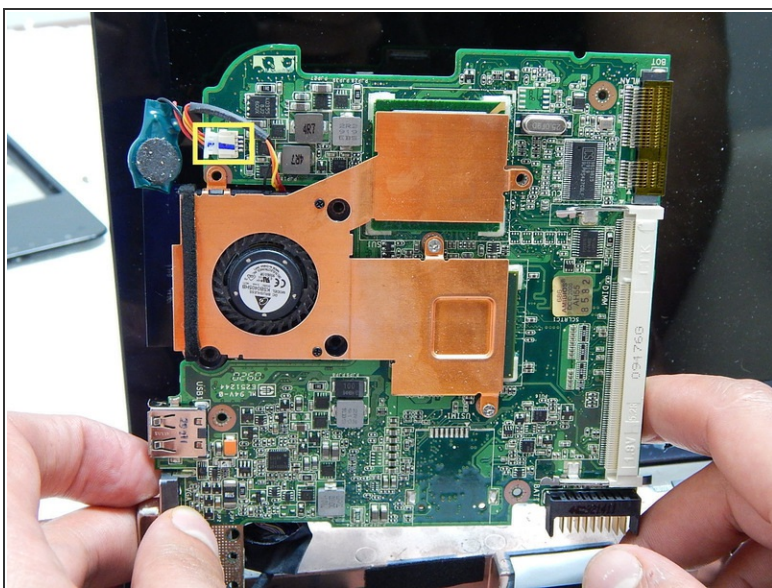
- Remove the 3 (5.5 mm) screws holding the motherboard to the motherboard plastic frame and also remove the four screws surrounding the fan.

Step 17



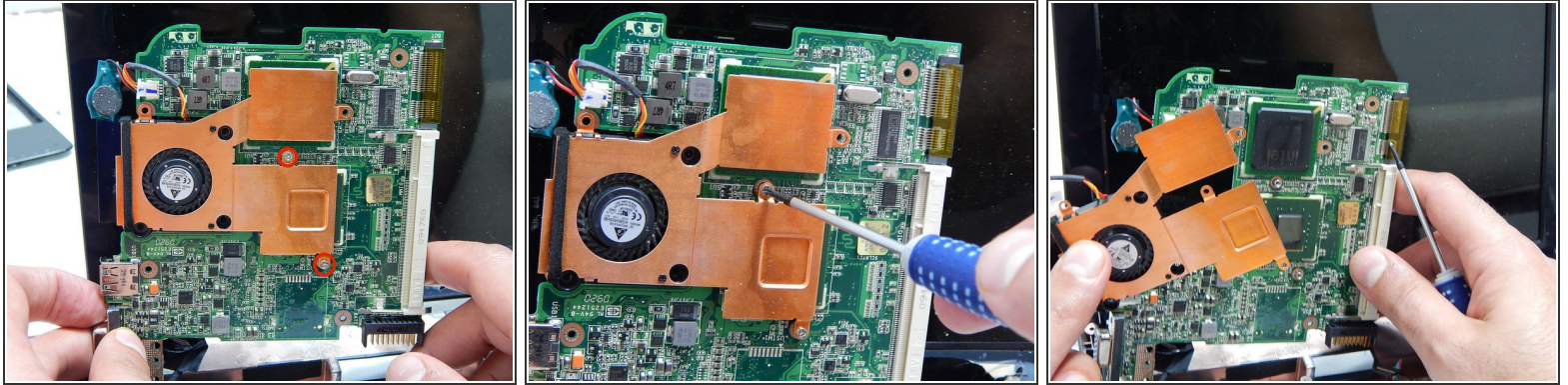
⚠ Gently lift the motherboard and hold it so that the bottom of the board is exposed.

Step 18



- Disconnect the cable attaching the motherboard to the fan.

Step 19



- Remove two screws holding the fan and the brass frame to the motherboard.

To reassemble your device, follow these instructions in reverse order.

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